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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/083,312	02/25/2002	David Kammer	PALM-3741.US.P	5496

7590 04/05/2007  
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EXAMINER
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TRAN, TUAN A

ART UNIT	PAPER NUMBER
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2618

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/05/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/083,312	<b>Applicant(s)</b> KAMMER ET AL.	
	<b>Examiner</b> Tuan A. Tran	<b>Art Unit</b> 2618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 19 December 2006.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e))

1. Claims 1-5, 13-17 and 19-23 are rejected under 35 U.S.C. 102(e) as being anticipated by Phillipps (WO 02/09362).

Regarding claims 1 and 19, Phillipps discloses a system and method of establishing a Bluetooth wireless connection between handheld computers (See fig. 2) comprising: a) storing a plurality of Bluetooth device identifications corresponding to a plurality of handheld computer systems on a memory resident list of a specific handheld

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computer system (See page 3, lines 30-34); b) accessing the device identifications on the specific handheld computer system (See page 3, lines 30-34); c) and establishing a Bluetooth connection between the specific handheld computer system and the plurality of handheld computer systems, wherein the establishing bypasses a Bluetooth discovery process (See page 4, lines 1-2).

Claim 13 is rejected for the same reasons as set forth in claims 1 and 19, as apparatus.

Regarding claims 2 and 20. Philipps discloses as cited in claims 1 and 19. Philipps further discloses at least one of the plurality of Bluetooth device identifications is automatically determined in communications between the specific handheld computer system and members of the plurality of handheld computer systems prior to step c) (See page 3, lines 27-28).

Claim 14 is rejected for the same reasons as set forth in claims 2 and 20, as apparatus.

Regarding claims 3 and 21, Philipps discloses as cited in claims 1 and 19. Philipps further discloses at least one of the plurality of Bluetooth device identifications is entered by a user of the specific handheld computer system (See page 3 line 34 to page 4 line 1).

Claim 15 is rejected for the same reasons as set forth in claim 3 and 21, as apparatus.

Regarding claims 4 and 22, Philipps discloses as cited in claims 1 and 20. Philipps further discloses step b) further comprises: b1) accessing the plurality of

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device identifications; b2) displaying representations of the plurality of device identifications on a display of the specific handheld computer system; b3) and including at least one handheld computer system corresponding to one of the plurality of Bluetooth device identifications in the Bluetooth wireless connection (See page 3 line 30 to page 4 line 2).

Claim 16 is rejected for the same reasons as set forth in claims 4 and 22, as apparatus.

Regarding claims 5 and 23. Philipps discloses as cited in claims 4 and 22. Philipps further discloses one of the representations of the plurality of device identifications is a Bluetooth friendly name (known Bluetooth device type) (See page 4 lines 23-34).

Claim 17 is rejected for the same reasons as set forth in claims 5 and 23, as apparatus.

2. Claims 7-12 are rejected under 35 U.S.C. 102(e) as being anticipated by Larsson et al. (6,697,638).

Regarding claim 7, Larsson discloses a method for rejecting a Bluetooth communication request comprising: a) receiving a Bluetooth communication request at a handheld computer, wherein the communication request comprises a device identification; b) automatically accessing on the handheld computer a memory resident list of trusted device identifications; c) and rejecting a Bluetooth communications

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request if the device identification is not a member of the list of trusted device identification (See fig. 4 and col. 4 lines 1-33).

Regarding claim 8, Larsson discloses as cited in claim 7, Larsson further discloses displaying a representation of the device identification on a display of the handheld computer (See fig. 14 and col. 6 line 41 to col. 7 line 17).

Regarding claim 9, Larsson discloses as cited in claim 8. Larsson further discloses the representation of the device is a Bluetooth friendly name (See fig. 14 and col. 6 line 41 to col. 7 line 17).

Regarding claims 10-11, Larsson discloses as cited in claim 7. In Bluetooth communication protocol, the communication request inherently comprises a page message or an inquiry message.

Regarding claim 12, Larsson discloses as cited in claim 7, Larsson further discloses an entry in the list of trusted device identifications is automatically determined in a communication between the handheld computer and another Bluetooth enabled device (See fig. 14 and col. 6 lines 41-58).

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 6, 18 and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Phillipps (WO 02/09362) in view of Johansson et al. (2002/0044549).

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Regarding claims 6 and 24, Philipps discloses as cited in claims 1 and 20.

However, Philipps does not mention the step of beginning the Bluetooth discovery process in responsive to a failure of step c). Since Johansson teaches a method of forming efficient scatternet (See fig. 3), wherein Johansson suggests that the Inquiry process (Bluetooth discovery process) should be invoked by every node periodically in order to detect new node or adapt to new connectivity conditions due to mobility or obstacles (See page 5 [0070]) and one known reason for a failure of establishing Bluetooth connection is devices that are out of range; therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to apply the concept of Johansson for configuring the system, as disclosed by Philipps, to invoke the Inquiry process (or discovery process) in responsive to a failure of establishing Bluetooth connection for the advantage of adapting to new connectivity conditions as well as allowing the user of the device to look for other compatible or available devices for connection.

Claim 18 is rejected for the same reasons as set forth in claim claims 6 and 24, as apparatus.

### ***Response to Arguments***

Applicant's arguments with respect to claims 1-24 have been considered but are moot in view of the new ground(s) of rejection.

The Applicant argued that Philipps does not teach or suggest the limitation of "wherein said establishing bypasses a Bluetooth discovery process" as recited in claim 1 (See Remark, page 2 first paragraph). The Examiner respectfully disagrees with the

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Applicant's argument because Phillipps page 3 lines 30-34 and page 4 lines 1-2, as cited in the Office Action mailed on 12/14/2005, does clearly show each and every single limitations of claim 1 wherein the establishment of a Bluetooth connection bypasses a Bluetooth discovery process. Further, the claim (claim 1) itself is not narrow enough to prevent the stored Bluetooth device identification, for the establishment of the Bluetooth connection, **from being obtained by communications (Bluetooth inquiry process) in the past.**

The Applicant argued that Phillipps fails to teach or suggest the limitation of "said device identification is entered by a user of said second handheld computer system" as recited in claim 3 (See Remark, pages 4-5). The Examiner respectfully disagrees with the Applicant's argument because **keying a phone number (by depressing 7 to 10 digits) or selecting an entry from the phone directory is a way to enter the phone number to place a call from a mobile communication device** and Phillipps does clearly show this limitation (See page 3 line 30 to page 4 line 2):

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan A. Tran whose telephone number is (571) 272-7858. The examiner can normally be reached on Mon-Fri, 10:00AM-6:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Anderson can be reached on (571) 272-4177. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Tuan Tran  
AU 2618